

PHILIP MORRIS USA  
RESEARCH AND DEVELOPMENT DEPARTMENT

YUGOSLAVIA TEST #27

MR6-06CMD

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DATE: May 27, 1976

2004054226

YUGOSLAVIA TEST #27

Marlboro king size cigarettes from Yugoslavia (Sarajevo) were received for testing on May 5, 1976. These cigarettes were of February, 1976 production.

The current sample was different from the previous average only in total reducing sugars.

MARLBORO KING SIZE 20'S (SOFT PACK)

	<u>Current</u>	<u>Prev. Avg.</u>
<u>Smoke</u>		
Butt Length, mm	27	27
FTC Tar, mg/cig.t.	17.0	16.42
TPM, mg/cig.t.	20.7	20.42
Nicotine, mg/cig.t.	1.01	1.01
Water, mg/cig.t.	2.7	3.3
Puffs/cig.t.	9.8	9.0 <sup>2</sup>
Filtration Eff., %	50	50
<u>Cigarette</u>		
Total RTD, in. of H <sub>2</sub> O	5.0	5.1
mm of H <sub>2</sub> O	127	130
Static Burn. Time, min.	8.1	7.9
Length, mm	84.6	84.3 <sup>2</sup>
Circumference, mm	25.0	25.1
Diameter, mm	8.0	8.0
<u>Paper</u>		
Porosity, sec.	12	13
<u>Filter</u>		
RTD, in. of H <sub>2</sub> O	2.9	2.8
mm of H <sub>2</sub> O	74	71
Length, mm	20.0	20.1
Weight, g	0.14	0.14
Tipping paper length, mm	24	24
<u>Filler</u>		
Total alkaloids, %	1.32	1.35
Total reducing sugars, %	9.4	8.3
Wt. of tob., 1,000 cigts., g	891	897
1,000 cigts., lbs.	1.9618	1.9745
Rod Density, g/cc	0.277	0.278
C.V., cc/10 g	31	33
C.V., cc/10 g (Corrected to 12% O.V.)	38	36
Oven Volatiles, %	14.4	13.1

<sup>1</sup>Equilibrated at 75°F and 60% R.H. for 48 hrs.

<sup>2</sup>Results of Test #26, dated May 6, 1976, where a change was noted.

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